Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137703.D
Acq On : 23 Apr 2024 19:54
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 24 03:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	306784	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1203508	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	662661	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1100725	20.000	ng	0.00
76) Chrysene-d12	14.263	240	739611	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	592695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1928217	95.475	ng	0.00
7) Phenol-d6	6.681	99	2475701	96.531	ng	0.00
23) Nitrobenzene-d5	7.634	82	2237518	98.690	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	640566	95.796	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3874013	87.353	ng	0.00
79) Terphenyl-d14	13.198	244	4272534	92.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	447126	49.442	ng	99
3) Pyridine	3.757	79	1189094	49.359	ng	98
4) n-Nitrosodimethylamine	3.734	42	557298	49.568	ng	97
6) Aniline	6.734	93	1569132m	49.145	ng	
8) 2-Chlorophenol	6.851	128	1013187	48.059	ng	96
9) Benzaldehyde	6.622	77	625422	43.454	ng	94
10) Phenol	6.692	94	1242361	48.490	ng	95
11) bis(2-Chloroethyl)ether	6.798	93	1005446	48.112	ng	96
12) 1,3-Dichlorobenzene	7.004	146	1066043	48.218	ng	100
13) 1,4-Dichlorobenzene	7.081	146	1073193	48.215	ng	100
14) 1,2-Dichlorobenzene	7.240	146	997470	48.143	ng	99
15) Benzyl Alcohol	7.198	79	958659	49.968	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1569711	48.842	ng	99
17) 2-Methylphenol	7.298	107	912650	48.725	ng	99
18) Hexachloroethane	7.581	117	387303	49.164	ng	99
19) n-Nitroso-di-n-propyla...	7.475	70	791498	47.726	ng	97
20) 3+4-Methylphenols	7.457	107	1169664	48.350	ng	94
22) Acetophenone	7.475	105	1405447	47.745	ng	97
24) Nitrobenzene	7.651	77	1130731	49.364	ng	96
25) Isophorone	7.887	82	2079142	49.377	ng	99
26) 2-Nitrophenol	7.963	139	534559	53.180	ng	96
27) 2,4-Dimethylphenol	7.987	122	983116	48.478	ng	97
28) bis(2-Chloroethoxy)met...	8.092	93	1247965	48.523	ng	99
29) 2,4-Dichlorophenol	8.198	162	879961	49.511	ng	98
30) 1,2,4-Trichlorobenzene	8.287	180	885255	48.867	ng	100
31) Naphthalene	8.375	128	2947718	47.997	ng	99
32) Benzoic acid	8.104	122	690901	53.806	ng	98
33) 4-Chloroaniline	8.416	127	1256028	48.318	ng	98
34) Hexachlorobutadiene	8.486	225	532395	49.022	ng	98
35) Caprolactam	8.798	113	283957m	49.416	ng	
36) 4-Chloro-3-methylphenol	8.886	107	922073	48.915	ng	97
37) 2-Methylnaphthalene	9.063	142	2017800	47.869	ng	100
38) 1-Methylnaphthalene	9.163	142	1872695	47.517	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	875845	48.211	ng	99
41) Hexachlorocyclopentadiene	9.216	237	535324	52.590	ng	100
43) 2,4,6-Trichlorophenol	9.334	196	627799	49.260	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	711801	48.733	ng		96
46) 1,1'-Biphenyl	9.528	154	2286877	47.439	ng		99
47) 2-Chloronaphthalene	9.557	162	1785916	48.059	ng		98
48) 2-Nitroaniline	9.651	65	589538	52.062	ng		90
49) Acenaphthylene	9.975	152	2761567	47.653	ng		100
50) Dimethylphthalate	9.828	163	2196917	47.584	ng		99
51) 2,6-Dinitrotoluene	9.892	165	495637	50.951	ng		90
52) Acenaphthene	10.151	154	1793797	47.804	ng		98
53) 3-Nitroaniline	10.063	138	552481	50.539	ng		94
54) 2,4-Dinitrophenol	10.163	184	242997	49.320	ng	#	47
55) Dibenzofuran	10.322	168	2595078	47.179	ng		99
56) 4-Nitrophenol	10.204	139	426636	50.184	ng		98
57) 2,4-Dinitrotoluene	10.292	165	643584	52.479	ng		94
58) Fluorene	10.663	166	2011360	46.798	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	545818	48.260	ng		99
60) Diethylphthalate	10.528	149	2083775	46.925	ng		99
61) 4-Chlorophenyl-phenyle...	10.651	204	1006623	47.400	ng		99
62) 4-Nitroaniline	10.680	138	525448	50.464	ng		97
63) Azobenzene	10.816	77	2152427	47.301	ng		95
65) 4,6-Dinitro-2-methylph...	10.704	198	339435	53.783	ng		85
66) n-Nitrosodiphenylamine	10.775	169	1806900	48.468	ng		100
67) 4-Bromophenyl-phenylether	11.145	248	629419	49.348	ng		99
68) Hexachlorobenzene	11.210	284	606942	48.846	ng		99
69) Atrazine	11.292	200	465473	45.167	ng		99
70) Pentachlorophenol	11.398	266	464579	49.703	ng		99
71) Phenanthrene	11.633	178	2752996	47.248	ng		99
72) Anthracene	11.686	178	2824074	47.332	ng		99
73) Carbazole	11.833	167	2577923	47.675	ng		99
74) Di-n-butylphthalate	12.157	149	3109443	47.173	ng		99
75) Fluoranthene	12.827	202	2900626	47.361	ng		98
77) Benzidine	12.939	184	674663	39.055	ng		100
78) Pyrene	13.063	202	2938911	48.412	ng		100
80) Butylbenzylphthalate	13.669	149	1116705	51.872	ng		91
81) Benzo(a)anthracene	14.251	228	2492825	48.323	ng		100
82) 3,3'-Dichlorobenzidine	14.210	252	769201	48.193	ng	#	96
83) Chrysene	14.286	228	2326029	48.258	ng		98
84) Bis(2-ethylhexyl)phtha...	14.221	149	1674894	51.517	ng		99
85) Di-n-octyl phthalate	14.851	149	2479304	50.768	ng		99
87) Indeno(1,2,3-cd)pyrene	17.474	276	1654605	50.348	ng		100
88) Benzo(b)fluoranthene	15.363	252	1903283	50.183	ng		99
89) Benzo(k)fluoranthene	15.392	252	1866883	50.075	ng		99
90) Benzo(a)pyrene	15.768	252	1711188	50.295	ng		99
91) Dibenzo(a,h)anthracene	17.498	278	1368923	50.195	ng		100
92) Benzo(g,h,i)perylene	17.980	276	1352876	51.015	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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